

DETAILED ACTION

Drawings

1. The drawings were received on 8/12/2009. These drawings are accepted.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David McEwing on 10/13/2009.

The application has been amended as follows:

On page 3 of the claims filed 8/10/2009 there is a duplicate claim 82. Please change the claim numbers as follows, starting with the duplicate claim 82 on page 3:

Amend claim 82 (duplicate) to claim 83.

Amend claim 83 to claim 84.

Amend claim 84 to claim 85.

Amend claim 85 to claim 86.

Amend claim 86 to claim 87.

Amend claim 87 to claim 88.

Amend claim 88 to claim 89.

Amend claim 89 to claim 90.

Amend claim 90 to claim 91.

Amend claim 91 to claim 92.

Amend claim 92 to claim 93.

Amend claim 93 to claim 94.

Amend claim 94 to claim 95.

Cancel claims 78 through 91

3. Claims 68-77 and 92-95 are allowed.
4. The following is an examiner's statement of reasons for allowance:
5. The prior art does not anticipate or make obvious a process for curing concrete where the energy going into a resistive heating element is altered based on the rate of compressive strength gain, or where the energy of the resistive heating element is altered to create a lower temperature in the concrete based on a temporary maximum cure rate.
6. The closest prior art of record is Schneider (U.S. Patent 828,976: already of record) and Schindler (Effect of Temperature on the Hydration of Cementitious Materials: already of record). Schneider teaches using resistive heating elements in concrete to help in the curing process. Schindler teaches a relationship between the rate of compressive strength gain and the curing time. Nothing in the prior art provides

motivation for one having ordinary skill in the art to combine the teachings of Schneider and Schindler, since Schindler only presents observed measurements of the curing process there is no motivation to make the leap to alter the curing process with the teachings of Schneider.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
8. U.S. Patents 3649725, 3797927, 5679149
9. U.S. PGPub 2004/0099982

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TIMOTHY KENNEDY whose telephone number is (571) 270-7068. The examiner can normally be reached on Monday to Friday 9:00am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Del Sole can be reached on (571) 272-1130. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

tjk

/Joseph S. Del Sole/
Supervisory Patent Examiner, Art Unit 1791